

**Port Security Video Surveillance System with Wireless Mesh Network - Financial Price Proposal Form**

Item Descriptions	Quantities	Unit Price	Extended price	C: Future annual maintenance Option (Rate assumes 5-Yr agreement)					
A: Hardware and software cost				Years 1-3	Year 4	Year 5	Year 6	Year 7	Year 8
<b>Note: All HW/SW below price must include three years part and labor warranties</b>									
<b>A.1 Mesh wireless system</b>									
Wireless Access point (WAP) per ea	180	\$ 5,806.71	\$ 1,045,207.80	Included in unit price	72,000	72,000	72,000	72,000	72,000
Antennas (as required per WAP) per ea	180	\$ 260.92	\$ 46,965.60	Included in unit price	n/a	n/a	n/a	n/a	n/a
WAP Installation material including feed lines, power supplies and mounting hardware per ea	180	\$ 376.95	\$ 67,851.00	Included in unit price	n/a	n/a	n/a	n/a	n/a
Mesh wireless system management software per LT	2	\$ 33,374.82	\$ 66,749.64	Included in unit price	4,588	4,588	4,588	4,588	4,588
Fiber Gateway Equipment if needed per ea	9		\$ -	Included in unit price					
<b>A.2 Police Port Security Surveillance system</b>									
Video Core routers per ea	2	\$ 16,947.56	\$ 33,895.12	Included in unit price	3,215	3,258	3,258	3,258	3,258
Pan, Tilt and Zoom Camera with installation per ea	30	\$ 2,756.06	\$ 82,681.80	Included in unit price	6,615	6,945	7,292	7,657	8,040
16 Channel network video recorder with installation per ea	1	\$ 114,927.11	\$ 114,927.11	Included in unit price	4,766	5,708	5,708	5,708	5,708
Marine grade Motion Stablized Camera with installation per ea	6	\$ 110,824.00	\$ 664,944.00	Included in unit price	36,642	40,224	44,274	48,852	54,024
Internet Connection from SPD Headquarter Building with 40 Mbs bandwidth per LT	1	\$ 13,134.80	\$ 13,134.80	Included in unit price	n/a	n/a	n/a	n/a	n/a
Equipment, if needed, for command vehicles and Police patrol vehicles to access live video via laptops per ea	100		\$ -	Included in unit price	n/a	n/a	n/a	n/a	n/a
<b>A.3 SDOT/METRO Rapid Ride System</b>									
Wireless Access point (WAP) per ea	12	\$ 3,474.03	\$ 41,688.36	Included in unit price	2,856	2,856	2,856	2,856	2,856
Antennas (as required per WAP) per ea	12	\$ 148.95	\$ 1,787.40	Included in unit price	n/a	n/a	n/a	n/a	n/a
WAP Installation material including feed lines, power supplies and mounting hardware per ea	12	\$ 315.00	\$ 3,780.00	Included in unit price	n/a	n/a	n/a	n/a	n/a
Fiber Gateway Equipment if needed per ea	12		\$ -	Included in unit price					
			\$ -						
<b>Total</b>			<b>\$ 2,183,612.63</b>		<b>\$ 130,682.00</b>	<b>\$ 135,579.00</b>	<b>\$ 139,976.00</b>	<b>\$ 144,919.00</b>	<b>\$ 150,474.00</b>

B: Professional Services										
	not to exceed number of hours	Hourly rates	Extended cost	D: Future time and material maintenance Option						
Note: For the WAP installation team, it will consist of what the vendor proposed WAP field install staff plus two Seattle Department of Transportation (SDOT) crew members with bucket truck, plus a DoIT technical project engineer . The City will not pay for Vendor's travel, living and per diem costs.				Hourly labor cost	Years 1-3	Year 4	Year 5	Year 6	Year 7	Year 8
Project manager	350	\$ 125.00	\$ 43,750.00	Wireless engineer	Not applicable	110	115	120	125	130
Core network configuration engineer	225	\$ 105.00	\$ 23,625.00	Wireless technician	Not applicable	100	105	110	115	120
Wireless System Design engineer	400	\$ 100.00	\$ 40,000.00	Cascade Networks does not foresee the need for the City of Seattle to keep parts and equipment on-hand for maintaining the system, over and above the monitoring tools that the City is purchasing. Our maintenance proposal would cover those requirements.						
WAP field install engineer	700	\$ 115.00	\$ 80,500.00							
WAP Bench test and Pre-assembly technicians	225	\$ 90.00	\$ 20,250.00							
Wireless mesh system management training (ea)	13	\$ 1,500.00	\$ 19,500.00							
Wireless mesh network acceptance testing	50	\$ 115.00	\$ 5,750.00							
Camera installation	120	\$ 115.00	\$ 13,800.00							
Police Port Security surveillance system training, if needed			\$ -							
Police Port Security surveillance system acceptance testing			\$ -							
SDOT/METRO rapid Ride system installation	50	\$ 115.00	\$ 5,750.00							
SDOT/METRO rapid Ride system training, if needed (ea)	13	\$ 1,500.00	\$ 19,500.00							
SDOT/METRO rapid Ride system acceptance testing	30	\$ 115.00	\$ 3,450.00							
Documentation	100	\$ 100.00	\$ 10,000.00							
Use of Test equipment	100	\$ 100.00	\$ 10,000.00							
Total			\$ 295,875.00							
Tax @ 9.5% (Equipment Only)			\$ 207,443.20							
Proposal Grand Total			\$ 2,686,930.83							